

ADDITIONAL SHEET

CCR# 04-0121

Rev: — Originator: Dominick P. Iascone, Jr.

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Title of Change: TE_6A.08_DPL.05A

CSG:

After a clean build of 6A08EBF1, please make one IRIX65 tar file from the 6A08EBF1 baseline for the following packages:

.EcDIAMassAccess.pkg

.EcDICheckSumServer.pkg

Please label this TE_6A.08_DPL.05A .

It contains a fix for the following NCR:

NCR Number	Subsystem	Sev	State	Site	Description
ECSed39546	OPS_DPL	2	M	PVC	Too many cksum processes on drg platform.
ECSed39592	RelB0_DP ool	2	T	PVC	PRELIM.06+: EcDIQuickServer is not responding to client requests.

INSTALLATION:

The following provides the installation and configuration procedures to install TE_6A.08_DPL.05A.

PATCH/TE DEPENDENCIES:

1. The mode must be at a minimum of 6A.08 + 6A.08_System01 patch.

PRE-INSTALL:

1. Login to the staging host and create staging area.
2. Copy the *irix65* files into <staging_area>/IRIX65 directory.
3. Change to the platform staging directory:
cd /<staging_area>/IRIX65
4. Untar the tar file file into the <staging_area>/IRIX65/ directory
5. On each platform where the packages **.EcDIAMassAccess.pkg** and **.EcDICheckSumServer.pkg** are installed, there are two files that will be overwritten during the Install process. These two files are
.../<MODE>/CUSTOM/bin/COMMON/**fileincache** and
.../<MODE>/CUSTOM/bin/DPL/**fileVolume**. These need to be backed up so that they can be restored during the Post Install.
The already installed files were written with AMASS 5.3.1 APIs. The install process will overwrite them with AMASS 5.3.3 API versions. Sticking with the 5.3.1 versions is the safe way to go, which is why the “old” files will be backed up and then restored.
 - a. On each platform where packages **.EcDIAMassAccess.pkg** and **.EcDICheckSumServer.pkg** are installed, “cd

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/usr/ecs/<MODE>/CUSTOM/bin/COMMON” and backup file “fileincache” by copying it to “fileincache.orig” (as an example name).

b. On each platform where packages **.EcDIAMassAccess.pkg** and **.EcDICheckSumServer.pkg** are installed, “cd

/usr/ecs/<MODE>/CUSTOM/bin/DPL” and backup file **fileVolume** by copying it to **fileVolume.orig** (as an example name).

6. For the mode being addressed by this Install, bring down EcDICheckSumServer and EcDIQuickServer on all platforms.

INSTALL:

1. As the proper mode userid for this install, logon to any Sun host and bring up E.A.S.I.
2. Install the delivered packages by selecting the proper Mode, Staging Area and “FULL” for the Install type.

CONFIGURATION:

The configuration files for EcDICheckSumServer and EcDIQuickServer are changed in this TE. The parameter **MAXIMUM_CONCURRENT_TASKS** has been added to the configuration file for each.

1. On each platform where the packages **.EcDIAMassAccess.pkg** and **.EcDICheckSumServer.pkg** are installed, bring up the Subsystem Manager under ECS Assistant.
2. Run mkcfg for EcDICheckSumServer and EcDIQuickServer.
 - a. The mkcfg process will add the parameter **MAXIMUM_CONCURRENT_TASKS** to the EcDICheckSumServer and EcDIQuickServer .CFG files. The value “10” will be set as the default value. This value needs to be changed. The recommended values are:
For EcDICheckSumServer, set this value equal to the number of cpus on the install box.
For EcDIQuickServer, set this value to a large number such as 500.

DATABASE UPDATES:

There are no database updates associated with this TE.

POST INSTALL:

The files **fileincache** and **fileVolume** were overwritten by the install process. The original files and their owner/group need to be restored.

1. On each platform where the packages **.EcDIAMassAccess.pkg** and **.EcDICheckSumServer.pkg** are installed, locate the backup files for **fileincache** and **fileVolume** and copy them back to their original names.

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2. The original files **fileincache** and **fileVolume** had an owner of “amass” in the group “cm<mode>”. For example, an “ls -l” in mode TS1 for fileincache should originally have listed something like “-rwsrwxr-x 1 amass cmts1 .”. When the backup copies of these files were copied back, the correct ownership/group was changed. To correct this, as root, change the ownership/group back to the correct values, which are of the form **amass cm<MODE>** . For example, in mode TS2, the command would be “**chown amass:cmts2 fileincache**”.
3. The “sticky bit” needs to be set. So, as root, “**chmod 4755 fileincache**” and “**chmod 4755 fileVolume**” .